

PATENT

Atty Docket No.: 70006557-2

App. Ser. No.: 09/922,463

IN THE CLAIMS:

Please find a listing of the claims below. The statuses of the claims are shown in parentheses.

1. (Currently Amended) A method for providing access to network path bookmark information for a mobile device, the network path bookmark information being stored in a client computer, said method comprising:

repeatedly receiving, at a server computer in a predetermined time interval via a first communication network, the network path bookmark information from the a client computer, wherein the network path bookmark information is stored in a browser application installed in the client computer and comprises a user-selected bookmark address for quick retrieval;

receiving, at a server computer via a second communication network, a request for a bookmark name corresponding to the user-selected bookmark address from a mobile device; and

transmitting, from the server computer, the bookmark name to the mobile device, the bookmark name allowing the mobile device access to information available at the user-selected bookmark address contained in the network path bookmark information;

receiving, at the server computer via the second communication network, an instruction from the mobile device to service the information with an appliance, the instruction includes the bookmark name and an appliance identification (ID) of the appliance;

transmitting, from the server computer, at least the user-selected bookmark address corresponding to the bookmark name and the appliance ID to an appliance server;

the appliance server retrieving the information with the user-selected bookmark address transmitted by the server computer and providing the retrieved information to the

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appliance based on the appliance ID to allow the appliance to service the information in accordance with the instruction from the mobile device.

2. (Canceled).

3. (Previously Presented) The method of claim 1, wherein the network path bookmark information is stored in a predetermined directory in the client computer.

4. (Previously Presented) The method of claim 1, wherein the browser application is an internet browser application program.

5. (Previously Presented) The method of claim 1, further comprising:

transmitting from the server computer a request for access to the network path bookmark information to the client computer upon receiving at the server the request from the mobile device.

6. (Currently Amended) A method for providing access to network path bookmark information for a mobile device, comprising:

receiving a request from the mobile device for access to the network path bookmark information, wherein the network path bookmark information is stored in a browser application installed in the a client computer and comprises a user-select bookmark address for quick retrieval;

determining whether the requested network path bookmark information is already stored in the server computer;

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upon determining that the requested network path bookmark information is not already stored, transmitting a request for the network path bookmark information to the client computer;

receiving the requested network path bookmark information from the client computer;
and

once the requested network path bookmark information is received, transmitting the requested network path bookmark information to the mobile device in response to the request from the mobile device;

receiving an instruction from the mobile device to service information available at the user-select bookmark address with an appliance, the instruction includes a bookmark name corresponding to the user-select bookmark address and an appliance identification (ID) of the appliance;

transmitting at least the user-selected bookmark address corresponding to the bookmark name and the appliance ID to an appliance server, wherein the appliance server is in communication with the appliance to provide the information available at the user-selected bookmark address to the appliance based on the appliance ID to allow the appliance to service the information in accordance with the instruction from the mobile device.

7. (Previously Presented) The method of claim 1, wherein the network path bookmark information is encoded according to the HTML format or according to the WML format.

8. (Cancelled).

9. (Previously Presented) The method of claim 1, wherein the user-select bookmark address

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designates a remotely stored information to be processed, the method further comprising:

designating the bookmark name and the appliance to which the remotely stored information is to be applied as instructions in the mobile device;

transmitting the instructions from the mobile device to a first computer system via a third communication network,

the first computer system retrieving the remotely stored information based on the instructions and converting the information to a format suitable for the appliance; and

the first computer system supplying the remotely stored information to the appliance for processing according to the instructions.

10-11. (Cancelled).

12. (Previously Presented) The method of claim 9, wherein the first computer system is an appliance server computer .

13. (Previously Presented) The method of claim 9,

wherein a plurality of appliances are connected to the first computer system, and the appliance is among said plurality of appliances in the instructions.

14. (Previously Presented) The method of claim 13, wherein said plurality of appliances are registered in the first computer system.

15. (Previously Presented): The method of claim 13, wherein the appliance is designated based on the client computer's identity in the instructions.

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16. (Previously Presented) The method of claim 13, wherein the third communication network includes a gateway using standard telecommunication protocols, and the gateway converts the instructions to a format which the first computer system understands.

17. (Previously Presented) The method of claim 13, wherein the remotely located information is stored in a second computer system from which the first computer system retrieves the remotely located information according to the instructions.

18. (Previously Presented) The method of claim 13, wherein the appliance is a printer, and the first computer system converts the remotely located information to a print job in a format suitable for printing.

19. (Previously Presented) The method of claim 13, wherein the first computer system converts the remotely located information to a PDL format for printing.

20. (Currently Amended) A computer system which allows a user of a mobile device to access network path bookmark information, the computer system comprising:

a client computer having stored network path bookmark information comprising at least one user-selected bookmark address being stored in a predetermined directory in the client computer for quick retrieval in a browser application, and comprising means for determining the network path bookmark information from the predetermined directory repeatably in a predefined time interval;

a server computer connected to the client computer via a first communication network, the server computer adapted operates to receive the determined network path

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bookmark information from the client computer; and

a mobile device connected to the server computer via a second communication network and adapted operates to request a bookmark name corresponding to the bookmark address from the server computer and to provide an instruction to the server computer to service information available at the user-selected bookmark address with an appliance, wherein the instruction includes the bookmark name and an appliance identification (ID) of the appliance; and

an appliance server connected to the server computer via a third communication network and in communication with the appliance, the appliance server operates to receive from the server computer the appliance ID and the user-selected bookmark address corresponding to the bookmark name so as to service the information available at the user-selected bookmark address with the appliance based on the appliance ID.

21. (New) The method of Claim 1, wherein:

the appliance is one of a printer, a fax machine, and a display device; and

the instruction to service the information with the appliance is one of printing the information with the printer, faxing the information with the fax machine, and displaying the information with the display device.

22. (New) The method of Claim 6, wherein:

the appliance is one of a printer, a fax machine, and a display device; and

the instruction to service the information with the appliance is one of printing the information with the printer, faxing the information with the fax machine, and displaying the information with the display device.

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23. (New) The method of Claim 20, wherein:

the appliance is one of a printer, a fax machine, and a display device; and

the instruction to service the information with the appliance is one of printing the information with the printer, faxing the information with the fax machine, and displaying the information with the display device.